



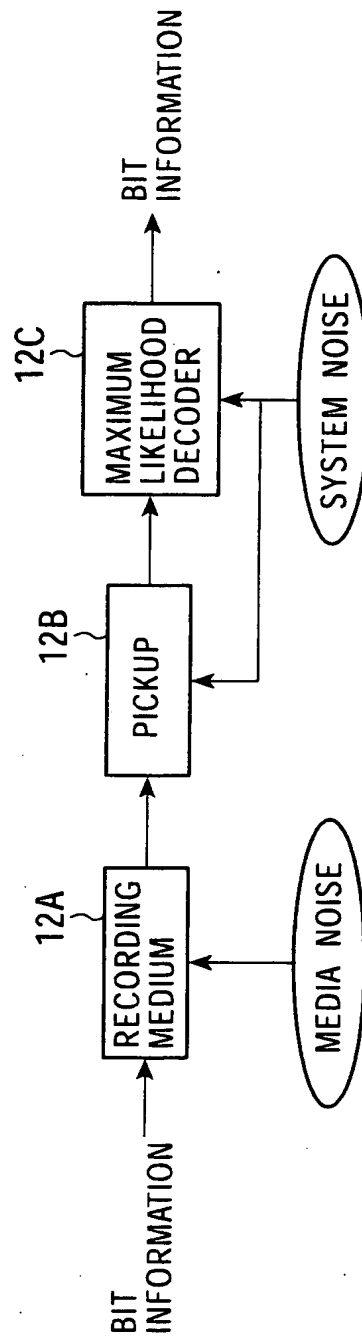
OBLON, SPIVAK, et al  
Docket No: 239741US6  
Inventor: Naoki IDE  
Serial No: 10/610,931  
Reply to OA dated: May 1, 2007  
Replacement Sheet

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FIG. 8

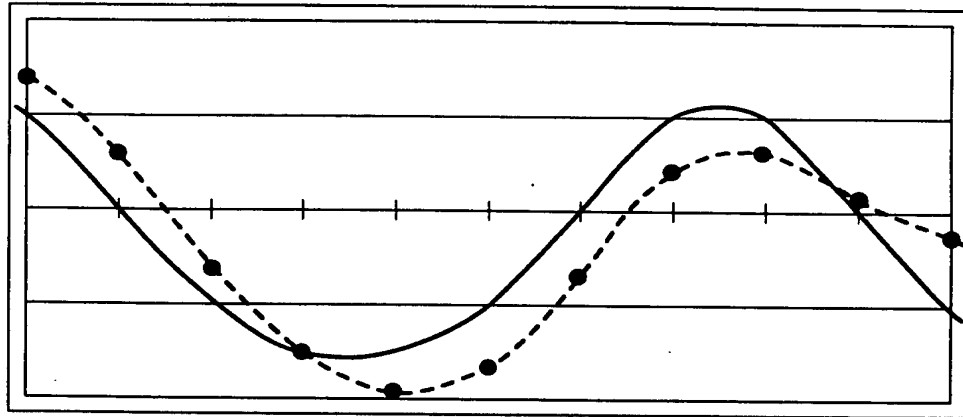
METRIC REGISTER	$mp_{11111} = ms_{1111} + k \cdot mb_{11111}$	8P	2D
	$mp_{11110} = ms_{1111} + k \cdot mb_{11110}$	8O	
	$mp_{11100} = ms_{1110} + k \cdot mb_{11100}$	8N	
	$mp_{01111} = ms_{0111} + k \cdot mb_{01111}$	8M	
	$mp_{01110} = ms_{0111} + k \cdot mb_{01110}$	8L	
	$mp_{01100} = ms_{0110} + k \cdot mb_{01100}$	8K	
	$mp_{11001} = ms_{1100} + k \cdot mb_{11001}$	8J	
	$mp_{11000} = ms_{1100} + k \cdot mb_{11000}$	8I	
	$mp_{00111} = ms_{0011} + k \cdot mb_{00111}$	8H	
	$mp_{00110} = ms_{0011} + k \cdot mb_{00110}$	8G	
	$mp_{10011} = ms_{1001} + k \cdot mb_{10011}$	8F	
	$mp_{10001} = ms_{1000} + k \cdot mb_{10001}$	8E	
	$mp_{10000} = ms_{1000} + k \cdot mb_{10000}$	8D	
	$mp_{00011} = ms_{0001} + k \cdot mb_{00011}$	8C	
	$mp_{00001} = ms_{0000} + k \cdot mb_{00001}$	8B	
	$mp_{00000} = ms_{0000} + k \cdot mb_{00000}$	8A	

FIG. 12  
BACKGROUND ART



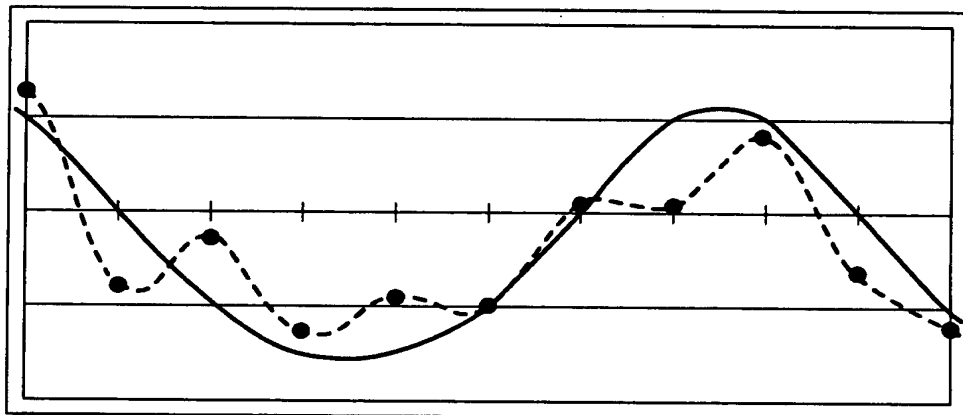
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**FIG. 13A**  
**BACKGROUND ART**



**ADD MEDIA NOISE**

**FIG. 13B**  
**BACKGROUND ART**



**ADD SYSTEM NOISE**